

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1468	355/30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:32
L2	6624	(hollow or hole) near (lens or optic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:40
L3	1	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:34
L4	461	((hollow or hole) near (lens or optic\$3)) same (cool\$4 or therm\$4 or heat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:46
L5	36173	"355"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:40
L6	0	4 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:36
L7	58	2 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:36

EAST Search History

L8	4134	"355"/53\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:40
L9	0	8 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:40
L10	8	8 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:40
L11	9946	(hollow or hole) near (reflect\$4 or lens or optic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:40
L12	11704	(hollow or hole) near (mirror or reflect\$4 or lens or optic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:40
L13	3	12 and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:41
L14	101	12 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:41
L15	18	12 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:41

EAST Search History

L16	1084	((hollow or hole) near (mirror or reflect\$4 or lens or optic\$3)) same (cool\$4 or therm\$4 or heat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:43
L17	6	5 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:43
L18	129690	"359"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:43
L19	85	16 and 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:46
L20	163	359/845.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:44
L21	3	16 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:46
L22	269193	(lens or optic\$3) same (cool\$4 or therm\$4 or heat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:47
L23	87	20 and 22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 09:47

EAST Search History

S1	1	JP11243052	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 07:44
S2	0	jp98324802	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 07:44
S3	2	"10324802"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 07:47
S4	1	"20030035088"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 07:49
S5	1958279	355/30.cc.ls	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 07:49
S6	1165	355/30.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 07:49
S7	416	S6 and cool\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 07:49
S8	227	S7 and lens	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 07:49
S9	33	S8 and peltier	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 08:07
S10	776	430/60.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 08:07
S11	1	S10 and (cool\$5 and lens and peltier)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 08:11
S12	29324	"355"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 08:11
S13	17	S12 and ((cool\$5 or (heat adj transfer)) and peltier and (non adj contact) and (optic\$ or lens))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 08:26
S14	0	2005/0073663	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 08:26
S15	1	"20050073663"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 08:26

EAST Search History

S16	0	"20050073663"S15 and (non adj contact)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 08:26
S17	70394	"430"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/27 09:36
S18	1568	S17 and S12	US-PGPUB; USPAT	OR	ON	2005/07/27 09:36
S19	0	S18 and (peltier or (heat adj transfer)) with (cool\$5) with (mirror or optic\$4 or reflect\$3)	US-PGPUB; USPAT	OR	ON	2005/07/27 09:37
S20	0	S18 and ((peltier or (heat adj transfer)) with (cool\$5) with (mirror or optic\$4 or reflect\$3))	US-PGPUB; USPAT	OR	ON	2005/07/27 09:37
S21	10	S18 and ((peltier or (heat adj transfer)) with (cool\$5) and (mirror or optic\$4 or reflect\$3))	US-PGPUB; USPAT	OR	ON	2005/07/27 10:35
S22	12	S12 and ((heat adj exchange) with (surface or plate))	US-PGPUB; USPAT	OR	ON	2005/07/27 10:48
S23	1	"20050073663"	US-PGPUB; USPAT	OR	ON	2005/07/27 10:48
S24	12727	S23 adn (peltier)	US-PGPUB; USPAT	OR	ON	2005/07/27 10:48
S25	1	S23 and (peltier)	US-PGPUB; USPAT	OR	ON	2005/07/27 11:15
S26	1	S15 and ("25f" or "225f")	US-PGPUB; USPAT	OR	ON	2005/07/27 12:42
S27	29324	"355"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/27 12:42
S28	70394	"430"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/27 12:42
S29	1568	S28 and S27	US-PGPUB; USPAT	OR	ON	2005/07/27 12:42
S30	284275	"4" and (biconcave or (double adj concave) lens)	US-PGPUB; USPAT	OR	ON	2005/07/27 12:43
S31	789	S29 and (biconcave or (double adj concave) lens)	US-PGPUB; USPAT	OR	ON	2005/07/27 13:25
S32	1	"20040227913"	US-PGPUB; USPAT	OR	ON	2005/07/27 13:08
S33	1	S32 and "140"	US-PGPUB; USPAT	OR	ON	2005/07/27 12:48
S34	0	S32 and "32"	US-PGPUB; USPAT	OR	ON	2005/07/27 12:49

EAST Search History

S35	0	S32 and "32"	US-PGPUB; USPAT	OR	ON	2005/07/27 12:49
S36	0	S32 and "25g"	US-PGPUB; USPAT	OR	ON	2005/07/27 12:49
S37	1	"20050073663"	US-PGPUB; USPAT	OR	ON	2005/07/27 12:49
S38	1	S37 and "32" and "25f" and "25g"	US-PGPUB; USPAT	OR	ON	2005/07/27 12:58
S39	1	S37 and "32" and "25f" and "25g" and "33"	US-PGPUB; USPAT	OR	ON	2005/07/27 12:58
S40	1	S32 and second	US-PGPUB; USPAT	OR	ON	2005/07/27 13:18
S41	1	S32 and "140"	US-PGPUB; USPAT	OR	ON	2005/07/27 13:18
S42	789	S29 and (biconcave or (double adj concave) lens)	US-PGPUB; USPAT	OR	ON	2005/07/27 13:26
S43	376	S29 and (biconcave or (double adj concave) lens) and lithograph\$3	US-PGPUB; USPAT	OR	ON	2005/07/27 13:28
S44	1961	355/67.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/27 13:28
S45	85	S44 and (concave adj (lens or objective))	US-PGPUB; USPAT	OR	ON	2005/07/27 13:28
S46	1	"20040227913"	US-PGPUB; USPAT	OR	ON	2005/12/05 10:20
S47	1	S46 and "140"	US-PGPUB; USPAT	OR	ON	2005/12/05 10:21
S48	1	S46 and "120a"	US-PGPUB; USPAT	OR	ON	2005/12/05 10:21
S49	1	"20040227913"	US-PGPUB; USPAT	OR	ON	2006/06/13 17:59
S50	1	JP11243052	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S51	0	jp98324802	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S52	3	"10324802"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S53	1	"20030035088"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09

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S54	2123121	355/30.cc.ls	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S55	1391	355/30.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S56	488	S55 and cool\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S57	286	S56 and lens	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S58	45	S57 and peltier	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S59	806	430/60.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S60	1	S59 and (cool\$5 and lens and peltier)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S61	30489	"355"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S62	23	S61 and ((cool\$5 or (heat adj transfer)) and peltier and (non adj contact) and (optic\$ or lens))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S63	1	2005/0073663	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S64	1	"20050073663"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S65	0	"20050073663"S64 and (non adj contact)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S66	73865	"430"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S67	1743	S66 and S61	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S68	0	S67 and (peltier or (heat adj transfer)) with (cool\$5) with (mirror or optic\$4 or reflect\$3)	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09

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S69	0	S67 and ((peltier or (heat adj transfer)) with (cool\$5) with (mirror or optic\$4 or reflect\$3))	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S70	11	S67 and ((peltier or (heat adj transfer)) with (cool\$5) and (mirror or optic\$4 or reflect\$3))	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S71	18	S61 and ((heat adj exchange) with (surface or plate))	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S72	1	"20050073663"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S73	14494	S72 adn (peltier)	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S74	1	S72 and (peltier)	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S75	1	S64 and ("25f" or "225f")	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S76	30489	"355"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/13 18:09
S77	73865	"430"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S78	1743	S77 and S76	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S79	318059	"4" and (biconcave or (double adj concave) lens)	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S80	919	S78 and (biconcave or (double adj concave) lens)	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S81	1	"20040227913"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S82	1	S81 and "140"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S83	0	S81 and "32"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S84	0	S81 and "32"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S85	0	S81 and "25g"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S86	1	"20050073663"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S87	1	S86 and "32" and "25f" and "25g"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S88	1	S86 and "32" and "25f" and "25g" and "33"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09

EAST Search History

S89	1	"20040227913"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S90	1	S81 and second	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S91	1	S81 and "140"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S92	919	S78 and (biconcave or (double adj concave) lens)	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S93	481	S78 and (biconcave or (double adj concave) lens) and lithograph\$3	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S94	2250	355/67.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S95	94	S94 and (concave adj (lens or objective))	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S96	1	"20040227913"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S97	1	S96 and "140"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S98	1	S96 and "120a"	US-PGPUB; USPAT	OR	ON	2006/06/13 18:09
S99	0	"20040227913" and hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 18:10